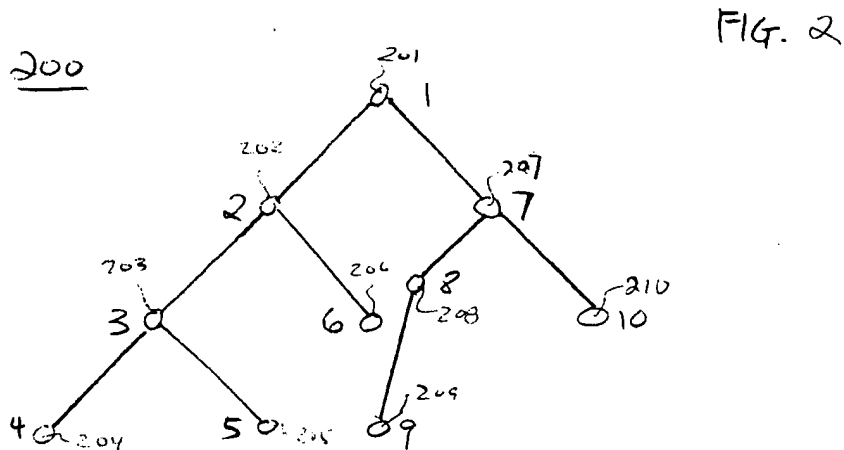


FIG. 1



300

FIG. 3

NODE	PARENT
1	0
2	1
7	1
3	2
6	2
8	7
10	7
4	3
5	3
9	8

FIG. 3B

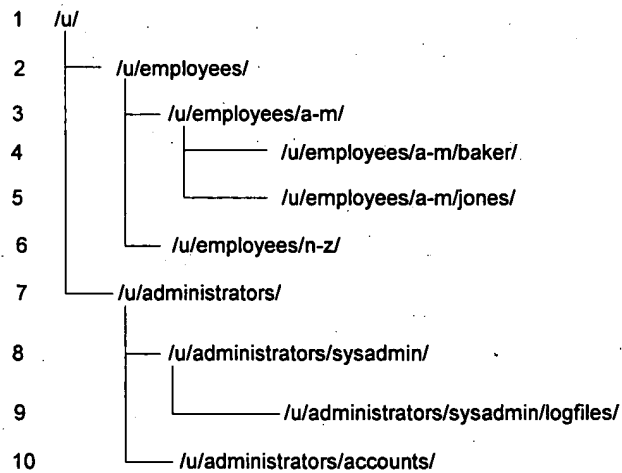
300

~302 ~304 ~352 ~354 ~356

NODE	PARENT	SIZE	CREATION TIME	NAME
1	0	4.1 GB	3/1/2003 12:00a	/u/
2	1	812 MB	3/1/2003 1:00a	/u/employees/
7	1	1.2 GB	3/1/2003 1:02a	/u/administrators/
3	2	704 MB	3/14/2003 2:14p	/u/employees/a-m/

FIG. 3C

370



400

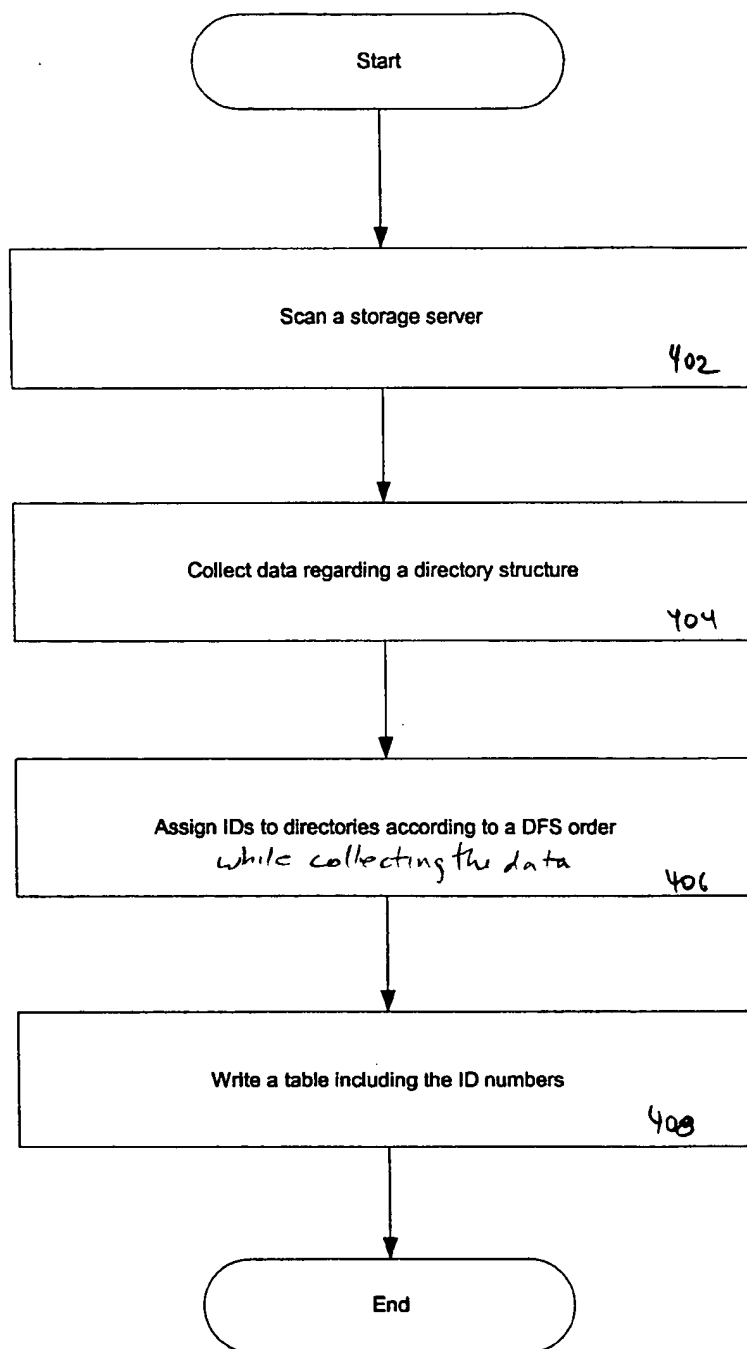


FIG. 4

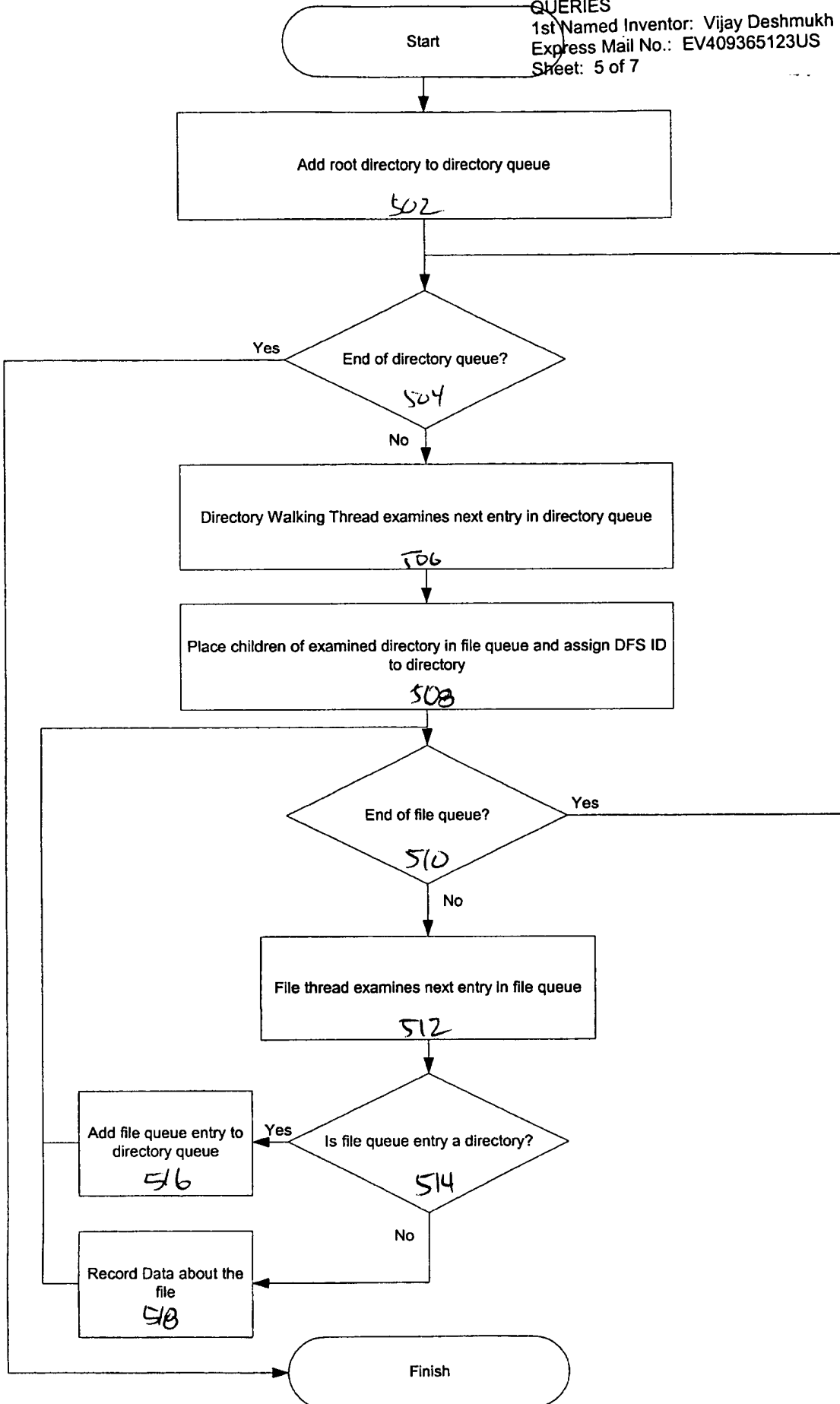


FIG. 6A

^{~602}
Directory Queue
root

^{~604}
File Queue

^{~606}
Tree

600

FIG. 6B

^{~602}
Directory Queue

^{~604}
File Queue
/u/
system.file

^{~606}
Tree

Root (0)

600

FIG. 6C

^{~602}
Directory Queue
/u/

^{~604}
File Queue

^{~606}
Tree

Root (0)

600

FIG. 6D

^{~602}
Directory Queue

^{~604}
File Queue
/employees/
/administrators/
users.cfg

^{~606}
Tree

Root (0)

600

/u/ (1)

FIG. 6E

^{~602}
Directory Queue
/employees/
/administrators/

^{~604}
File Queue

^{~606}
Tree

Root (0)

600

/u/ (1)

FIG. 6F

^{~602}
Directory Queue
/administrators/

^{~604}
File Queue
/a-m/
/n-z/
list.cfg

^{~606}
Tree

Root (0)

600

/u/ (1)

/employees/ (2)

FIG. 6G

^{~602}
Directory Queue
/a-m/
/n-z/
/administrators/

^{~604}
File Queue

^{~606}
Tree

Root (0)

600

/u/ (1)

/employees/ (2)

FIG. 6H

^{~602}
Directory Queue
/n-z/
/administrators/

^{~604}
File Queue
/baker/
/jones/
index.cfg

^{~606}
Tree

Root (0)

600

/u/ (1)

/employees/ (2)

/a-m/ (3)

700

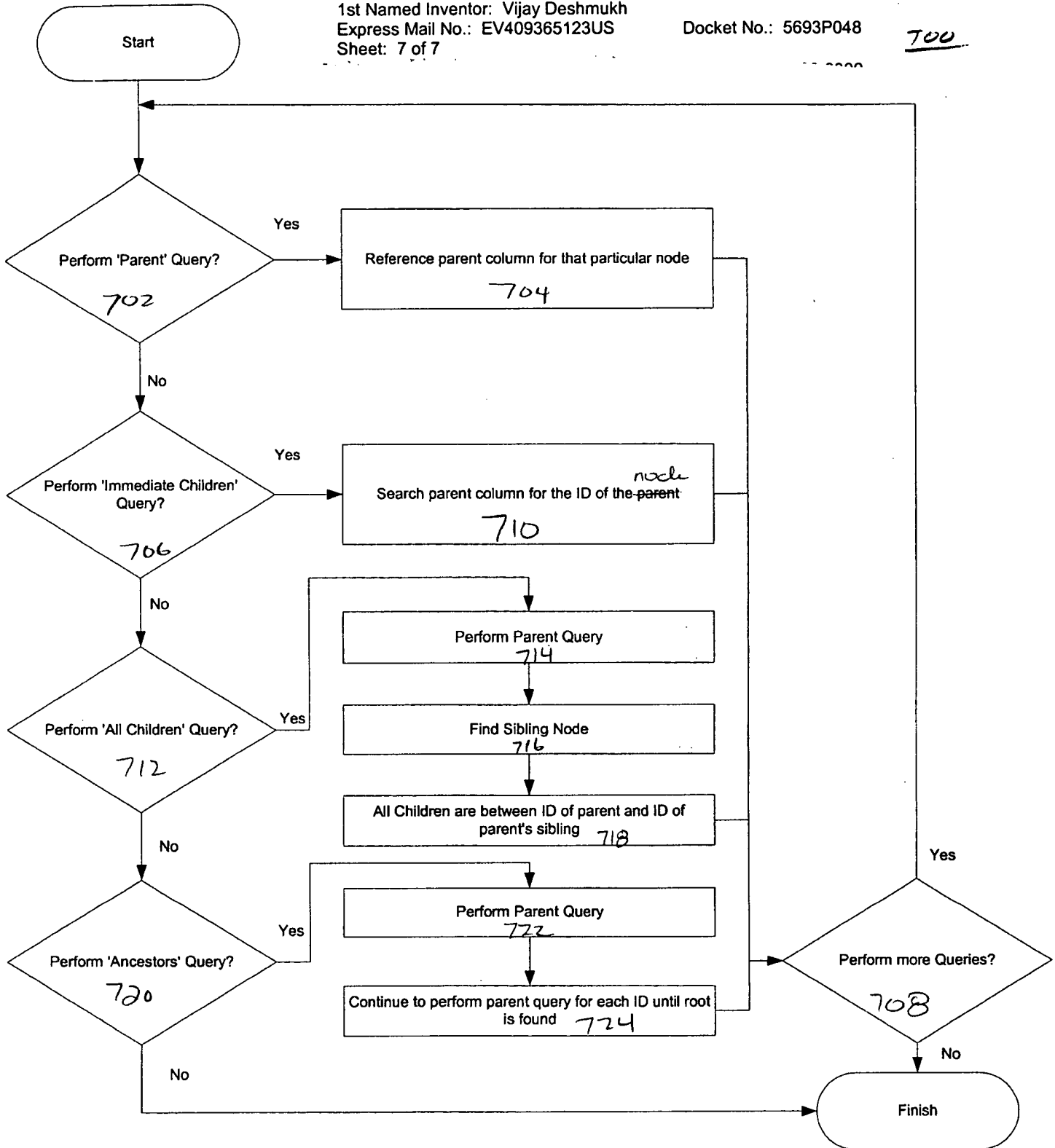


FIG. 7